

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Emmanuel VILLARD et al.

Examiner: not known

Appl'n No. : 10/576,305

Art Unit: 1713

I.A. Filed : October 18, 2004

For : USE OF COMB-STRUCTURED BEAD-FORM POLYMERS, AND
RESULTING COMPOSITIONS

REQUEST FOR REPUBLICATION PURSUANT TO 37 CFR § 1.221(b)

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop PGPUB
Randolph Building
401 Dulany Street
Alexandria VA 22314

Sir:

Applicants request republication of the instant application pursuant to 37 CFR § 1.221(b) due to a material Office mistake apparent from the Office records. This Request for Republication is timely filed within two months of the April 12, 2007, publication date, *i.e.*, before June 12, 2007.

The Application published as US-2007-0082979-A1 on April 12, 2007. As published, the application incorrectly spells the name of the second-listed inventor, which should be "Horacio Naranjo" and not "Haraelo Naranjo." A marked-up copy of the cover of the published application, showing the error, is attached hereto.

It is respectfully submitted that this error is material at least because 37 C.F.R. 1.63(a)(2) requires that each inventor be identified by full name, including the family name, and at least one given name without abbreviation. See also, MPEP 605.04(b).

This error is apparent from the Office records, because the declaration submitted with the application correctly spells the second inventor's name. Moreover, about 1.5 months before publication, a Request to Correct Official Filing Receipt regarding the very same error was submitted in this application (on February 26, 2007) and a corrected filing receipt has been

submitted in this application (on February 26, 2007) and a corrected filing receipt has been received. A copy of the Corrected Filing Receipt is enclosed.

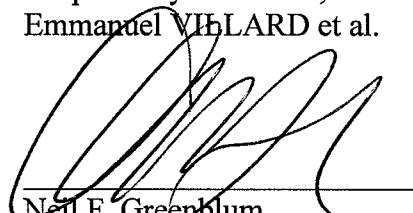
Accordingly, Applicants request republication of the instant application with the corrected spelling of the second inventor's name - i.e., as "Horacio Naranjo" instead of "Haraelo Naranjo."

It is respectfully submitted that this request is proper under 37 C.F.R. 1.221(b) because this request is made within two months of the April 12, 2007 publication date, is to correct a material error made by the US PTO, and is not a request under 37 C.F.R. 1.221(a). Accordingly, no fee should be necessary to consider this request.

Applicants do not believe that any fee is due; however, if any fee is necessary, the U.S. Patent and Trademark Office is authorized to charge any necessary fee to Deposit Account No. 19-0089.

Should there be any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,
Emmanuel VILARD et al.



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(00185185.DOC)



US 20070082979A1

(19) **United States**(12) **Patent Application Publication** (10) **Pub. No.: US 2007/0082979 A1**
Villard et al. (43) **Pub. Date: Apr. 12, 2007**(54) **USE OF COMB-STRUCTURED BEAD-FORM
POLYMERS, AND RESULTING
COMPOSITIONS**(52) **U.S. Cl. 524/5**(76) **Inventors: Emmanuel Villard, St-Christo-en-Jarez**
(FR); **Horacio Naranjo**, Chavanay
(FR); **Pierre Lyot**, Saint-Etienne (FR)

Horacio

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RESTON, VA 20191 (US)(21) **Appl. No.: 10/576,305**(22) **PCT Filed: Oct. 18, 2004**(86) **PCT No.: PCT/IB04/03392**§ 371(c)(1),
(2), (4) **Date: Apr. 19, 2006**(30) **Foreign Application Priority Data**

Oct. 23, 2003 (FR)..... 03 12428

Publication Classification(51) **Int. Cl.**
C04B 24/26 (2006.01)

(57)

ABSTRACT**COPY**

The present invention relates to compositions including organic and/or inorganic fillers and at least one comb-structured bead-form polymer. The bead-form polymer has: an apparent specific gravity higher than 0.5 and preferably higher than 0.7, a spherical shape and physical properties such as greater flowability, a better particle size distribution whereby a high fine particle content is averted, and a lower specific surface area whereby the moisture regain rate is lowered and caking is reduced as a result of which an overall improvement in the use conditions is achieved when the polymer is used as a plasticizer, a superplasticizer or a dispersing agent, in comparison with the conditions observed during the use of the same materials marketed in solid form (e.g. as a fine powder prepared by spray drying), particularly by virtue of the very fast availability of the polymer in the medium. Use of comb-structured bead-form polymers as: plasticizers, superplasticizers, water reducers and high-reduction water reducers in compositions that include a hydraulic binder, e.g. concrete, mortar, slag, slurry and gypsum, and also as dispersing agents for organic and/or inorganic fillers, for example, but not exclusively, in compositions such as paints, coatings and detergent, softening or cosmetic compositions.



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APPL NO.	FILING OR 371(c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLMS	IND CLMS
10/576,305	04/19/2006	1713	900	P29172	10	3

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CONFIRMATION NO. 4486

CORRECTED FILING RECEIPT



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Date Mailed: 04/27/2007

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Emmanuel Villard, St-Christo-en-Jarez, FRANCE;
 Horacio Naranjo, Chavanay, FRANCE;
 Pierre Lyot, Saint-Etienne, FRANCE;

Power of Attorney: The patent practitioners associated with Customer Number **07055**.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/IB04/03392 10/18/2004

Foreign Applications

FRANCE 03 12428 10/23/2003

If Required, Foreign Filing License Granted: 01/05/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/576,305**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

Title

Use of comb-structured bead-form polymers, and resulting compositions

Preliminary Class

524

COPY

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

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